

**RECEIVED**

AUG 06 2001

TECH CENTER 1600/2900

Sheet 1 of 1

**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**UPAP-0404**  
**(K-1765)**

Serial No.  
**09/622,452**

Applicant  
**David B. Weiner, et al.**

Filing Date  
**October 31, 2000**

Group  
**1642**

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	<b>AA</b>	Mendoza, R.B., et al., "Cutting edge: Immunostimulatory effects of a plasmid expressing CD40 ligand (CD154) on gene immunization," <i>Am. Assoc. Immunologists</i> , 1997, 5777-5781
	<b>AB</b>	Uzendoski, K., et al., "Construction and characterization of a recombinant vaccinia virus expressing murine intercellular adhesion molecule-1: induction and potentiation of antitumor responses," <i>Human Gene Therapy</i> , 1997, 8, 851-860
<b>EXAMINER</b>		<b>DATE CONSIDERED</b> 11/2000



RECEIVED

JUL 1 2001

TECH CENTER 1600/2900

Sheet 1 of 9

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>UPAP-0404</b>	Serial No. <b>09/622,452</b>
		Applicant <b>David B. Weiner, et al.</b>	
		Filing Date <b>October 31, 2000</b>	Group <b>1642</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
W	AA	Alnemri, E.S., et al., "Cloning and expression of four novel isoforms of human interleukin-1 $\beta$ converting enzyme with different apoptotic activities," <i>J. Biol. Chem.</i> , <b>1995</b> , 270(9), 4312-4317	
	AB	Arai, N., et al., "Complete nucleotide sequence of the chromosomal gene for human IL-4 and its expression," <i>J. Immunol.</i> , <b>1989</b> , 142, 274-282	
	AC	Azuma, M., et al., "B70 antigen is a second ligand for CTLA-4 and CD28," <i>Nature</i> , <b>1993</b> , 366, 76-79	
	AD	Bodmer, J., et al., "TRAMP, a novel apoptosis-mediating receptor with sequence homology to tumor necrosis factor receptor 1 and Fas(Apo-1/CD95), <i>Immunity</i> , <b>1997</b> , 61(1), 79-88	
	AE	Boyer, J.D., et al., "Protection of chimpanzees from high-dose heterologous HIV-1 challenge by DNA vaccination," <i>Nature Med.</i> , <b>1997</b> , 3, 526-532	
	AF	Chaudhary, V.K., et al., "A rapid method of cloning functional variable-region antibody genes in <i>Escherichia coli</i> as single-chain immunotoxins," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1990</b> , 87, 1066-1070	
	AG	Chinnaiyan, A.M., et al., "Signal transduction by DR3, a death domain-containing receptor related to TNFR-1 and CD95," <i>Science</i> , <b>1996</b> , 274, 990-992	
	AH	Corbi, A.L., et al., "The uman leukocyte adhesion glycoprotein mac-1 (complement receptor type 3, CD11b) $\alpha$ subunit," <i>J. Biol. Chem.</i> , <b>1988</b> , 263(25), 12403-12411	
	AI	Corbi, A.L., et al., "cDNA cloning and complete primary structure of the $\alpha$ subunit of a leukocyte adhesion glycoprotein, p150,95," <i>EMBO J.</i> , <b>1987</b> , 6(13), 4023-4028	
	AJ	Degli-Esposti, M.A., et al., "Air, a novel member of the TNF receptor family, is a strong inducer of apoptosis," <i>Genbank</i> , Accession No. U78029, GI: 1778763, <b>1977</b> , 1 page	
EXAMINER		DATE CONSIDERED 11/26/03	



RECEIVED

JUL 10 2001

TECHNICAL CENTER 1600/2900 Sheet 2 of 9

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>UPAP-0404</b>	Serial No. <b>09/622,452</b>
		Applicant <b>David B. Weiner, et al.</b>	
		Filing Date <b>October 31, 2000</b>	Group <b>1642</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	<b>AK</b>	Elises, M.J., "VCAM-1 on activated endothelium interacts with the leukocyte integrin VLA-4 at a site distinct from the VLA-4/fibronectin binding site," <i>Cell</i> , <b>1990</b> , 60, 577-584	
	<b>AL</b>	Gauchat, J.F.M., "Human CD40-ligand: molecular cloning, cellular distribution and regulation of expression by factors controlling IgE production," <i>FEBS Lett.</i> , <b>1993</b> , 315(3), 259-266	
	<b>AM</b>	Goodwin, R.G., et al., "Human interleukin 7: molecular cloning and growth factor activity on human and murine B-lineage cells," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <b>1989</b> , 86, 302-306	
	<b>AN</b>	Gray, P.W., et al., "Cloning of human tumor necrosis factor (TNF) receptor cDNA and expression of recombinant soluble TNF-binding protein," <i>Proc. Natl. Acad. Sci. U.S.A.</i> , <b>1990</b> , 87, 7380-7384	
	<b>AO</b>	Han, H.J., et al., "Dinucleotide repeat polymorphism in the 3' non-coding region of the FLT1 gene," <i>Human Molecular Genet.</i> , <b>1993</b> , 2(12), page 2204	
	<b>AP</b>	Himmeler, A., et al., "Molecular cloning and expression of human and rat tumor necrosis factor receptor chain (p60) and its soluble derivative, tumor necrosis factor-binding protein," <i>DNA Cell Biol.</i> , <b>1990</b> , 9, 705-715	
	<b>AQ</b>	Howell, M.D., et al., "Limited T-cell receptor $\beta$ -chain heterogeneity among interleukin 2 receptor-positive synovial T cells suggests a role for superantigen in rheumatoid arthritis," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1991</b> , 88, 10921-10925	
	<b>AR</b>	Itoh, N., et al., "The polypeptide encoded by the cDNA for human cell surface antigen fas can mediate apoptosis," <i>Cell</i> , <b>1991</b> , 66, 233-243	
	<b>AS</b>	Johnson, D., et al., "Expression and structure of the human NGF receptor," <i>Cell</i> , <b>1986</b> , 47(4), 545-554	
	<b>AT</b>	Johnston, G.I., et al., "Cloning of GMP-140, a granule membrane protein of platelets and endothelium: sequence similarity to proteins involved in cell adhesion and inflammation," <i>Cell</i> , <b>1989</b> , 56, 1033-1044	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b> 11/26/95	



RECEIVED

JUL 11 2001

TECH CENTER 1600/2900 Sheet 3 of 9

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Docket No. <b>UPAP-0404</b>	Serial No. <b>09/622,452</b>
		Applicant <b>David B. Weiner, et al.</b>	
		Filing Date <b>October 31, 2000</b>	Group <b>1642</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	<b>AU</b>	Kim, J.J., et al., "DNA gene vaccination for HIV," <i>Springer Sem Immunopathol</i> , <b>1997</b> , 19, 174-194	
	<b>AV</b>	Kim, J.J., et al., "Engineering of in vivo immune responses to DNA immunization via codelivery of costimulatory molecule genes," <i>Nature Biot.</i> , <b>1997</b> , 15, 641-646	
	<b>AW</b>	Kim, J.J., et al., "CD8 positive T cells influence antigen-specific immune responses through the expression of chemokines," <i>J. Clin. Invest.</i> , <b>1998</b> , 102, 1112-1124	
	<b>AX</b>	Kim, J.J., et al., "Modulation of amplitude and direction of <i>in vivo</i> immune responses by co-administration of cytokine gene expression cassettes with DNA immunogens," <i>Eur. J. Immunol.</i> , <b>1998</b> , 28, 1089-1103	
	<b>AY</b>	Kim, J.J., et al., "In vivo engineering of a cellular immune response by coadministration of IL-12 expression vector with a DNA immunogen," <i>J. Immunol.</i> , <b>1997</b> , 158, 816-826	
	<b>AZ</b>	Kitson, J., et al., "A death-domain-containing receptor that mediates apoptosis," <i>Nature</i> , <b>1996</b> , 384, 372-375	
	<b>BA</b>	Kretschmer, P.J., et al., "Cloning, characterization and development regulation of two members of a novel human gene family of neurite outgrowth-promoting proteins," <i>Growth Factors</i> , <b>1991</b> , 5, 99-114	
	<b>BB</b>	Larson, R.S., et al., "Primary structure of the leukocyte function-associated molecule-1 $\alpha$ subunit: an integrin with an embedded domain defining a protein superfamily," <i>J. Cell Biol.</i> , <b>1989</b> , 108, 703-712	
	<b>BC</b>	Lee, F., et al., "Isolation of cDNA for a human granulocyte-macrophage colony-stimulating factor by functional expression in mammalian cells," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1985</b> , 82, 4360-4364	
	<b>BD</b>	Leung, D.W., et al., "Vascular endothelial growth factor is a secreted angiogenic mitogen," <i>Science</i> , <b>1989</b> , 246, 1306-1309	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b> 11/26/03	



RECEIVED

JUL 11 2001

TECH CENTER 1600/2000 Sheet 4 of 9

## Form PTO-1449 Modified

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**UPAP-0404**

Serial No.  
**09/622,452**

Applicant  
**David B. Weiner, et al.**

Filing Date  
**October 31, 2000**

Group  
**1642**

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

NO	BE	Leung, E., et al., "Genomic organization, chromosomal mapping, and analysis of the 5' promoter region of the human MAdCAM-1 gene," <i>Immunogenetics</i> , <b>1997</b> , 46, 111-119
	BF	Loetscher, H., et al., "Molecular cloning and expression of the human 55 kd tumor necrosis factor receptor," <i>Cell</i> , <b>1990</b> , 61, 351-359
	BG	Mandriota, S.J., et al., "Transforming growth factor $\beta$ 1 down-regulates vascular endothelial growth factor receptor 1/ <i>flk-1</i> expression in vascular endothelial cells," <i>J. Biol. Chem.</i> , <b>1996</b> , 271(19), 11500-11505
	BH	Marsters, S.A., et al., "Apo-3, a new member of the tumor necrosis factor receptor family, contains a death domain and activates apoptosis and NF-kB," <i>Curr. Biol.</i> , <b>1996</b> , 6(2), 1669-1676
	BI	Nagata, S., et al., "The chromosomal gene structure and two mRNAs for human granulocyte colony-stimulating factor," <i>EMBO J.</i> , <b>1986</b> , 5(3), 575-581
	BJ	Newman, P.J., et al., "PECAM-1 (CD31) cloning and relation to adhesion molecules of the immunoglobulin gene superfamily," <i>Science</i> , <b>1990</b> , 247, 1219-1222
	BK	Nophar, Y., et al., "Soluble forms of tumor necrosis factor receptors (TNF-Rs). The cDNA for the type 1 TNF-R, cloned using amino acid sequence data of its soluble form, encodes both the cell surface and a soluble form of the receptor," <i>EMBO J.</i> , <b>1990</b> , 9(10), 3269-3278
	BL	Oehm, A., et al., "Purification and molecular cloning of the APO-1 cell surface antigen, a member of the tumor necrosis factor/nerve growth factor receptor superfamily," <i>J. Biol. Chem.</i> , <b>1992</b> , 267(15), 10709-10715
	BM	Oksenbert, J.R., et al., "Limited heterogeneity of rearranged T-cell receptor V $\alpha$ transcripts in brains of multiple sclerosis patients," <i>Nature</i> , <b>1990</b> , 345, 344-346
✓	BN	Osborn, L., et al., "Direct expression cloning of vascular cell adhesion molecule 1, a cytokine-induced endothelial protein that binds to lymphocytes," <i>Cell</i> , <b>1989</b> , 59, 1203-1211

EXAMINER

DATE CONSIDERED 11/26/03



RECEIVED

JUL 11 2001

Sheet 5 of 9

## Form PTO-1449 Modified

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.

UPAP-0404

TECH CENTER 1600/2800

Serial No.

09/622,452

Applicant

David B. Weiner, et al.

Filing Date

October 31, 2000

Group

1642

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

NO	BO	Pachuk, C.J., et al., "Current topics in microbiology and immunology, <i>Curr. Topics Microbiol. Immunol.</i> , <b>1998</b> , 226, 79-89
	BP	Paliard, X., et al., "Evidence for the effects of a superantigen in rheumatoid arthritis," <i>Science</i> , <b>1991</b> , 253, 325-329
	BQ	Pan, et al., "The receptor for the cytotoxic ligand trail," <i>Science</i> , <b>1997</b> , 276(5309), 111-113
	BR	Pan, et al., "Identification and functional characterization of DR6, a novel death domain-containing TNF receptor," <i>Genbank</i> , <b>1998</b> , Accession No. AF068868, 2 pages
	BS	Screaton, G.R., et al., "TRICK2, a new alternatively spliced receptor that transduces the cytotoxic signal from TRAIL," <i>Curr. Biol.</i> , <b>1997</b> , 7(9), 693-696
	BT	Screaton, G.R., et al., "LARD: a new lymphoid-specific death domain containing receptor regulated by alternative pre-mRNA splicing," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1997</b> , 94, 4615-4619
	BU	Sheridan, J.P., et al., "Control of TRAIL-induced apoptosis by a family of signaling and decoy receptors," <i>Science</i> , <b>1997</b> , 277, 818-821
	BV	Shibuya, M., et al., "Nucleotide sequence and expression of a novel human receptor-type tyrosine kinase gene ( <i>flt</i> ) closely related to the <i>fms</i> family," <i>Oncongene</i> , <b>1990</b> , 5, 519-524
	BW	Shyjan, A.M., et al., "human mucosal addressin cell adhesion molecule-1 (MadCAM-1) demonstrates structural and functional similarities to the $\alpha_4\beta_7$ -integrin binding domains of murine MadCAM-1, but extreme divergence of mucin-like sequences," <i>J. Immunol.</i> , <b>1996</b> , 156, 2851-2857
✓	BX	Simmons, D.L., et al., "Molecular cloning of a cDNA encoding CD34, a sialomucin of human hematopoietic stem cells," <i>J. Immunol.</i> , <b>1992</b> , 148(1), 267-271

EXAMINER

DATE CONSIDERED

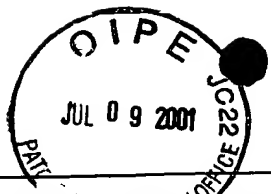
11/26/83

RECEIVED

JUL 1 2001

TECH CENTER 1600/2900

Sheet 6 of 9

**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**UPAP-0404**

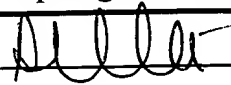
Serial No.  
**09/622,452**

Applicant  
**David B. Weiner, et al.**

Filing Date  
**October 31, 2000**

Group  
**1642**

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

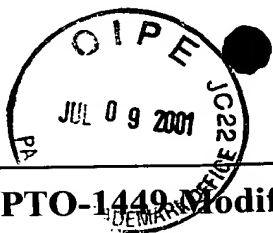
NO	BY	Springer, T.A., et al., "The lymphocyte function-associated LFA-1, CD2, and LFA-3 molecules: cell adhesion receptors of the immune system," <i>Ann. Rev. Immunol.</i> , <b>1987</b> , 5, 223-252
	BZ	Staunton, D.E., et al., "Functional cloning of ICAM-2, a cell adhesion ligand for LFA-1 homologous to ICAM-1," <i>Nature</i> , <b>1989</b> , 339, 61-64
	CA	Staunton, D.E., et al., "Primary structure of ICAM-1 demonstrates interaction between members of the immunoglobulin and integrin supergene families," <i>Cell</i> , <b>1988</b> , 52, 925-933
	CB	Takada, Y., et al., "The primary structure of the VLA-2/collagen receptor $\alpha^2$ subunit (platelet GPIa): homology to other integrins and the presence of a possible collagen-binding domain," <i>J. Cell Biol.</i> , <b>1989</b> , 109, 397-407
	CC	Takahashi, M., et al., "Amino-terminal region of human macrophage colony-stimulating factor (M-CSF) is sufficient for its <u>in vitro</u> biological activity: molecular cloning and expression of carboxyl-terminal deletion mutants of human M-CSF," <i>Biochem. Biophys. Res. Commun.</i> , <b>1989</b> , 161(2), 892-901
	CD	Wallner, B.P., et al., "Primary structure of lymphocyte function-associated antigen 3 (LAF-3). The ligand of the T lymphocyte CD2 glycoprotein," <i>J. Exper. Med.</i> , <b>1987</b> , 166, 923-932
	CE	Williams, W.V., et al., "Restricted heterogeneity of T cell receptor transcripts in rheumatoid synovium," <i>J. Clin. Invest.</i> , <b>1992</b> , 90, 326-333
	CF	Wong, G.G., et al., "Human CSF-1: molecular cloning and expression of 4-kd cDNA encoding the human urinary protein," <i>Science</i> , <b>1987</b> , 235, 1504-1508
	CG	Wong, G.G., et al., "Human GM-CSF: Molecular cloning of the complementary DNA and purification of the natural and recombinant proteins," <i>Science</i> , <b>1985</b> , 228, 810-815
✓	CH	Wu, G.S., et al., "Killer/DR5 is a DNA damage-inducible p53-regulated death receptor gene," <i>Nature Genetics</i> , <b>1997</b> , 17, 141-143
EXAMINER 		DATE CONSIDERED 11/29/03

RECEIVED

JUL 1 2001

TECH CENTER 1600/2900

Sheet 7 of 9

**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**UPAP-0404**

Serial No.  
**09/622,452**

Applicant  
**David B. Weiner, et al.**

Filing Date  
**October 31, 2000**

Group  
**1642**

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	<b>CI</b>	Wucherpennig, K.W., et al., "Shared human T cell receptor V <sub>β</sub> usage to immunodominant regions of myelin basic protein," <i>Science</i> , 1990, 248, 1016-1019
	<b>CJ</b>	Yokota, T., et al., "Isolation and characterization of a human interleukin cDNA clone, homologous to mouse B-cell stimulatory factor 1, that expresses B-cell- and T-cell-stimulating activities," <i>Proc. Natl. Acad. Sci. USA</i> , 1986, 83, 5894-5898

**EXAMINER****DATE CONSIDERED**

11/26/03



RECEIVED

JUL 10 2001

TECHCENTER 1600/2900 Sheet 8 of 9

**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**UPAP-0404**

Serial No.  
**09/622,452**

Applicant  
**David B. Weiner, et al.**

Filing Date  
**October 31, 2000**

Group  
**1642**

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>JD</i>	CK	4,722,848	02/02/88	Paoletti, et al.	424	89
	CL	4,945,050	07/31/90	Sanford, et al.	435	172.1
	CM	5,017,487	05/21/91	Stunnenberg, et al.	435	172.3
	CN	5,036,006	07/30/91	Sanford, et al.	435	170.1
	CO	5,077,044	12/31/91	Stocker	424	92
	CP	5,110,587	05/05/92	Paoletti, et al.	424	89
	CQ	5,112,749	05/12/92	Brey, III, et al.	435	172.3
	CR	5,174,993	12/29/92	Paoletti	424	89
	CS	5,223,424	06/29/93	Cochran, et al.	435	236
	CT	5,225,336	07/06/93	Paoletti	435	69.1
	CU	5,240,703	08/31/93	Cochran	424	89
	CV	5,242,829	09/07/93	Panicali, et al.	435	320.1
	CW	5,294,441	03/15/94	Curtiss, III	424	93 A
	CX	5,294,548	03/15/94	McLinden, et al.	435	235.1
	CY	5,310,668	05/10/94	Ellis, et al.	435	172.3
	CZ	5,387,744	02/07/95	Curtiss, III, et al.	424	235.1
	DA	5,389,368	02/14/95	Curtiss, III	424	93.2
	DB	5,424,065	06/13/95	Curtiss, III, et. al.	424	88
	DC	5,451,499	09/19/95	Cochran	435	5
	DD	5,453,364	09/26/95	Paoletti	435	69.3
	DE	5,462,734	10/31/95	Letchworth, III, et al.	424	229.1

**EXAMINER****DATE CONSIDERED**

11/20/03

